In the claims:

inder ?

1. (Canceled)

- 2; (Canceled)
- 3. (Canceled)
- 4. (Canceled)
- 5. (Canceled)
- 6. (Canceled)

7. (Twice amended) A software program for facilitating the use of a distributed directory running in a computer network, the program comprising being stored on a recordable medium and including instructions for:

receiving a first event from an application;

converting the first event into XML data representing the first event;

transforming the XML data representing the first event to a first predetermined format by the transformation processor, the first predetermined format being responsive to the distributed directory;

transmitting the transformed XML data representing the first event to the distributed directory;

after receiving the first event from the application, receiving an first a second event from the distributed directory into an XML generator;

converting the first second event into XML data representing the second event;

transforming the XML data <u>representing the second event</u> to a <u>first second</u> predetermined format by a<u>the</u> transformation processor, the <u>first second</u> predetermined format being responsive to an application running in the computer network; and

transmitting the <u>transformed XML</u> data <u>representing the second event transformed according to</u> the <u>first predetermined format</u> to the application;

after receiving the first event from the application, receiving a third event from the distributed directory into an XML generator;

converting the third event into XML data representing the third event;

transforming the XML data <u>representing the third event</u> to a third predetermined format by the transformation processor, the third predetermined format being responsive to an application running in the computer network; and

transmitting the <u>transformed XML</u> data <u>representing the third event transformed according to the third predetermined format to the application;</u>

wherein the transformation processor includes an XSLT processor, the program further comprising instructions for:

providing a <u>first</u> stylesheet to the an XSLT processor, the stylesheet including formatting instructions for transforming XML data to the first predetermined format; and

providing a <u>second</u> third stylesheet to the XSLT processor, the <u>second</u> third stylesheet including formatting instructions for transforming XML data to the <u>second</u> third predetermined format wherein the first stylesheet is different from the <u>second</u> third stylesheet.

- 8. (Previously canceled).
- 9. (Twice amended) The software program of claim 7 further comprising instructions for: receiving updates to the <u>first</u> stylesheet responsive to any changes in either the distributed directory or the application.
- 10. (Amended) The software program of claim 7 wherein the transformed <u>XML</u> data representing the second event is transmitted to the application through an application shim to provide the transformed <u>XML</u> data representing the second event to the application by using a native application program interface for the application.
- 11. (Amended) The software program of claim 7 further comprising instructions for: detecting the second event through notification from an event handler of the distributed directory.
 - 12. (Canceled)
- 13. (Twice amended) The software program of claim 12 7 wherein the program further comprises instructions for:

providing a second third stylesheet to the XSLT processor, the second third stylesheet including formatting instructions for transforming XML data to the second third predetermined format.

- 14. (Canceled)
- 15. (Twice amended) A software program for facilitating the use of a distributed directory running in a computer network, the program comprising instructions for:

receiving an event from an application <u>prior to receiving event data from the distributed directory;</u>
converting the event into markup language data;

transforming the event to a predetermined format by a transformation processor, the predetermined format being responsive to the distributed directory; and

providing a transformation profile to the transformation processor, the transformation profile including formatting instructions for transforming the markup language data to the predetermined format; and

transmitting the transformed event to the distributed directory.

- 16. (Canceled)
- 17. (Canceled)
- 18. (Amended) A distributed computer system comprising:
- a first processor connected to a petwork for executing computer code;
- a second processor connected to the network for executing computer code;
- a first memory connected to the first processor;
- a second memory connected to the second processor;
- a distributed directory, a portion of which being stored in the first memory;
- an application, a portion of which being stored in the second memory;
- a first transformation profile for defining a first predetermined format for use by the distributed directory;
- a <u>second</u> transformation profile for defining a <u>second</u> predetermined format for use by the application;

software for detecting an <u>directory</u> event in the distributed directory;

software for detecting an application event in the application prior to detecting the directory

event;

software for transforming the application event to the second predetermined format by using a generic transformation tool and the first transformation profile; and

software for providing the transformed application event to the distributed directory;

software for transforming the <u>directory</u> event to the predetermined format by using a generic transformation tool and the transformation profile; and

software for providing the transformed directory event to the application;

whereby the distributed directory becomes aware of the application event by having the application event provided to the distributed directory in a transformed state and whereby the application becomes aware of the directory event by having the directory event provided to the application in a transformed state.

- 19. (Amended) The system of claim 18 further comprising:
 software for converting the <u>directory</u> event to a generic data description before transforming the <u>directory</u> event.
- 20. (Amended) The system of claim 18 further comprising:
 an application shim for the application to receive the transformed <u>directory</u> event and provide the <u>directory</u> event to the application by using a native application program interface for the application.
 - 21. (Canceled)
- 22. (Amended) The system of claim 21 18 wherein the generic transformation tool utilizes a markup language and the software for transforming the event and the application event utilizes a transformation processor.